Amendments To the Claims:

Please amend the claims as shown.

1. (currently amended) An ~~A~~arrangement for ~~the~~ a wireless connection of terminal devices ~~(HS1, HS2, HS3, PDA)~~ to a communication system, ~~with~~ comprising:

a data packet network ~~(LAN)~~ for the transmission of data packets using network addresses ~~(IP1, IP2)~~ valid within the network~~,~~;

at least one transition device ~~(GW1, GW2)~~ coupled to the data packet network ~~(LAN)~~, to which at least one short-range radio module ~~(BT1, BT2)~~ is coupled, ~~with~~ the transition device ~~(GW1, GW2)~~ having a coupling table ~~(KTAB)~~ with terminal device addresses ~~(RN1, RN2, RN3, MA)~~ of terminal devices ~~(HS1, HS2, HS3, PDA)~~ located within the radio range of at least one short-range radio module ~~(BT1, BT2)~~;;

a server ~~(S)~~ coupled to the data packet network ~~(LAN)~~ for controlling connections to the terminal devices ~~(HS1, HS2, HS3, PDA)~~, ~~with~~ the server having an allocation table ~~(ZTAB)~~ in which a network address ~~(IP1, IP2)~~ of the particular transition device ~~(GW1, GW2)~~ is allocated in each case to a terminal device address ~~(RN1, RN2, RN3, MA)~~ of a terminal ~~device (HS1, HS2, HS3, PDA)~~, to which transition device ~~(GW1, GW2)~~ a short-range radio module ~~(BT1, BT2)~~ in whose radio range this terminal device ~~(HS1, HS2, HS3, PDA)~~ is located, is coupled~~,~~; and

a packet-based alignment protocol ~~(AP)~~ for the dynamic alignment of the allocation table ~~(ZTAB)~~ with the coupling table ~~(KTAB)~~.

2. (currently amended) An ~~A~~arrangement in accordance with Claim 1, ~~characterized in that,~~ wherein the data packet network ~~(LAN)~~ is realized by a network based on an Internet protocol.

3. (currently amended) An ~~A~~arrangement in accordance with ~~one of the preceding~~ claims 1, ~~characterized in that~~ wherein the transition device ~~(GW2, GW2) has~~ comprises a translator ~~(IWU)~~ for translation between a network protocol used in the data packet network and a protocol specific to a radio module.

4. (currently amended) An ~~A~~arrangement in accordance with Claim 3, ~~characterized in that~~ wherein the translator ~~(GW1, GW2) has~~ comprises a detection device for detecting, by means of the network protocol used, which terminal device-specific application a connection to a terminal device ~~(HS1, HS2, HS3, PDA)~~ is allocated to, in order to be able to perform an application-specific protocol conversion accordingly.

5. (currently amended) An ~~A~~arrangement in accordance with Claim 3 ~~or 4~~, ~~characterized in that~~ wherein the protocol specific to a radio module ~~has~~ having a specific voice interface ~~(VOICE)~~ and a specific data interface ~~(DATA)~~.

6. (currently amended) An ~~A~~arrangement in accordance with ~~one of the preceding~~ claims ~~1~~, ~~characterized in that~~ wherein a Bluetooth module is used as a short-range radio module ~~(BT1, BT2)~~.

7. (currently amended) An ~~A~~arrangement in accordance with ~~one of the preceding~~ claims ~~1~~, ~~characterized by~~, wherein a locating device uses the allocation table for determining a momentary location of a particular terminal ~~device (HS1, HS2, HS3, PDA) by means of the allocation table (ZTAB)~~.

8. (currently amended) An ~~A~~arrangement in accordance with ~~one of the preceding~~ claims ~~1~~, ~~characterized by~~ wherein a gateway device ~~(EXTGW, GSMGW)~~ is coupled to the data packet network for coupling the data packet network ~~(LAN)~~ to a forwarding communication network ~~(WAN, ISDN)~~.

9. (currently amended) An ~~A~~arrangement in accordance with ~~one of the preceding~~ claims ~~1~~, ~~characterized by~~ further comprising a headset ~~(HS1, HS2, HS3)~~ as a terminal device for voice connections.

10. (currently amended) An ~~A~~arrangement in accordance with ~~one of the preceding~~ claims ~~1~~, ~~characterized by~~ further comprising a PDA (Personal Digital Assistant) ~~(PDA)~~ as a terminal device for data connections.

11. (currently amended) An ~~A~~arrangement in accordance with ~~one of the preceding~~ claims~~s~~ 1, ~~characterized by~~ further comprising a PDA (Personal Digital Assistant) ~~(PDA)~~ as a terminal device for entering destination addresses for outgoing connections and for initiating those connections.

12. (new) An arrangement in accordance with claim 2, wherein the transition device comprises a translator for translation between a network protocol used in the data packet network and a protocol specific to a radio module.

13. (new) An arrangement in accordance with Claim 4, wherein the protocol specific to a radio module having a specific voice interface and a specific data interface.

14. (new) An arrangement in accordance with claim 2, wherein a Bluetooth module is used as a short-range radio module.

15. (new) An arrangement in accordance with claim 3, wherein a Bluetooth module is used as a short-range radio module.

16. (new) An arrangement in accordance with claim 2, wherein a locating device uses the allocation table for determining a momentary location of a particular terminal.

17. (new) An arrangement in accordance with claim 2, wherein a gateway device is coupled to the data packet network for coupling the data packet network to a forwarding communication network.